

CLAIMS

1. A network browser, wherein the improvement comprises capabilities to perform
5 analysis and testing of websites residing on the Internet.
2. A test-enabled web browser, comprising:
standard browsing components;
testing components; and
a graphical user interface to provide user access to said standard browsing
components and said testing components.
3. A test-enabled browser as recited in claim 2, wherein said testing components
comprises at least one of a script record component, a script playback component, a
content validation component, a download timing monitor component, a load test
component, and a quality analysis component.
4. A test-enabled browser as recited in claim 2, wherein said standard browsing
components comprises DLL components.
5. A test-enabled browser as recited in claim 4, wherein the DLL components
pertain to IE technology.
6. A computer readable medium including at least computer program code for
25 testing of websites residing on the Internet, said computer readable medium comprising:
first computer program code for performing test operations; and
second computer program code for performing DLLs of IE,
wherein said first and second computer program code together implement a test-
enabled web browser.

7. A computer readable medium as recited in claim 6, wherein said first computer program code comprises computer program code for performing one or more of: script recording, script playback, content validation, download timing monitoring, load testing, and quality analysis.

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8. A method for testing websites, said method comprises:
(a) receiving a trigger;
(b) performing test-based processing associated with the trigger; and
(c) thereafter performing browser-based processing associated with the trigger.

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9. A method as recited in claim 8, wherein the test-based processing enables the automated analysis and testing of websites.

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10. A method for testing a website residing on a network using a test-enabled browser, said method comprising:
(a) accessing a website to be tested using the test-enabled browser;
(b) selecting a test or evaluation to be performed; and
(c) performing the test or evaluation using the test-enabled browser.

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11. A method as recited in claim 10, wherein said performing (c) of the test or evaluation comprises:
extracting details of a web page using a Document Object Model pertaining to the web page.

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12. A method as recited in claim 11, wherein said method further comprises:
expressing the details of the web page in a recorded script language.

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13. A method as recited in claim 10, wherein said performing (c) of the test or evaluation comprises:
examining a web page using a rendering of the web page by the test-enabled browser.

14. A method as recited in claim 10, wherein said performing (c) of the test or evaluation comprises:

recording a script pertaining to an interaction sequence with the web page.

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15. A method as recited in claim 14, wherein said performing (c) of the test or evaluation comprises:

subsequently playing back the script to confirm content of the web page and/or perform validations.

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16. A method as recited in claim 14, wherein said performing (c) of the test or evaluation comprises:

adaptively playing back the script.

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17. A method as recited in claim 10, wherein the web page includes a plurality of component parts, and

wherein said performing (c) of the test or evaluation comprises:

determining download timings for at least the component parts of the web page.

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18. A method as recited in claim 10, wherein a web server hosts the web page, and wherein said performing (c) of the test or evaluation comprises:

inducing a load on the web server by concurrently playing multiple scripts.

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19. A method as recited in claim 18, wherein said inducing launches a separate test-enabled browser for each of the scripts, and each of the test-enabled browsers plays a script.

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20. A method as recited in claim 19, wherein all the test-enabled browsers play the same script.

21. A method as recited in claim 19, wherein all the test-enabled browsers are operating on a common computer being operatively connectable to the network.

22. A method, apparatus, system, graphical user interface or computer readable
5 medium as shown or described in this application.

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